

THIRD-ORDER LEVELING  
SEA LEVEL DATUM OF 1929

Breathitt, Knott, and  
Perry Counties

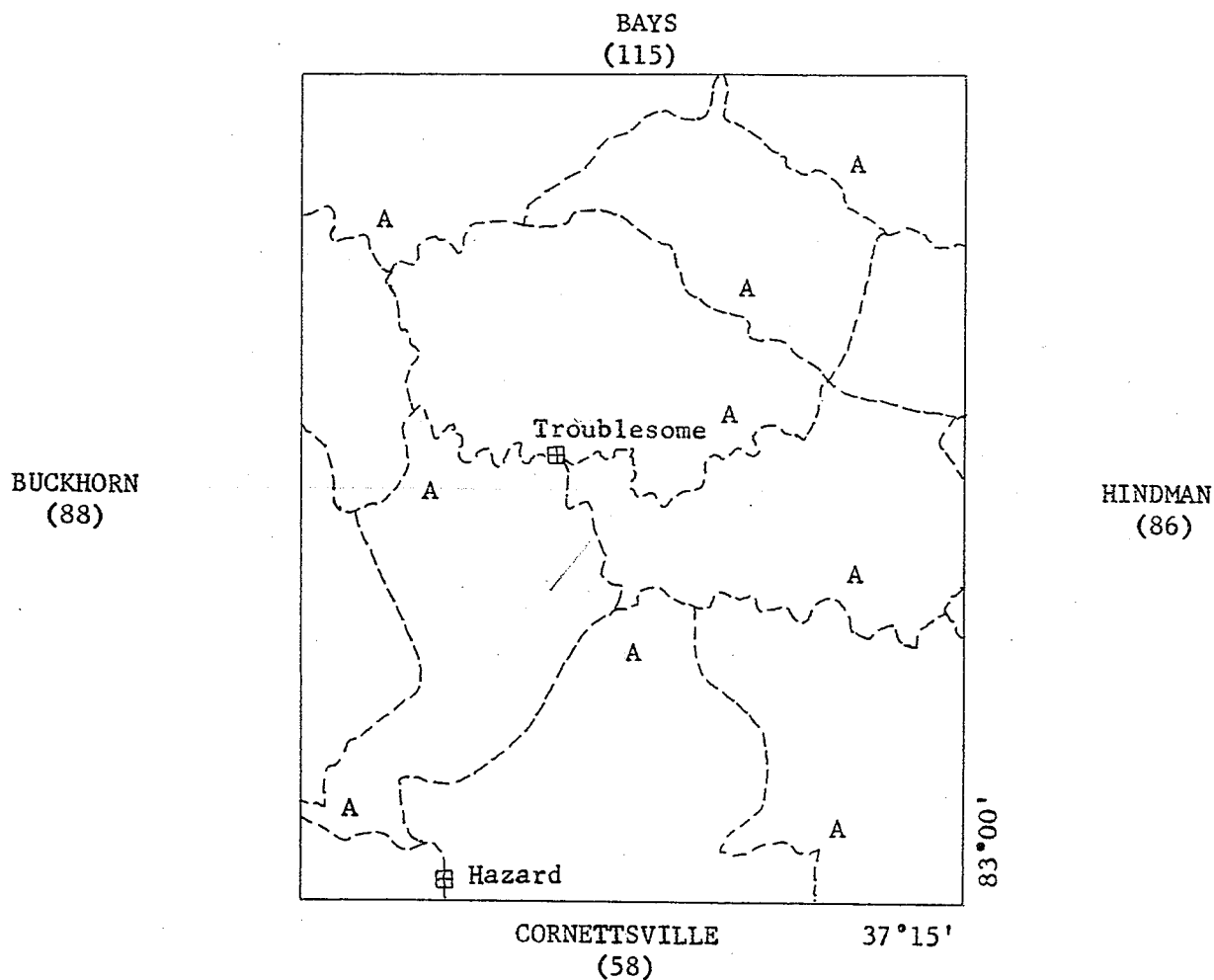
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

37-083-21  
BLUE DIAMOND QUADRANGLE  
87 KENTUCKY  
N3715-W8300/15  
DIAGRAM NJ 17-7  
JENKINS

Final adjustment of 1973

Edition of May 13, 1974

PR: WSM/mid



NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 370832

87 KENTUCKY  
BLUE DIAMOND QUADRANGLE

37-083-21  
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INDEX OF PERMANENT MARKS

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ISOLATED BENCH MARKS (By S. R. Archer, 1911; Book A 8755)

	<u>Feet</u>
Ned, 6.6 mi SE. of; 0.2 mi W. of mouth of Sixteenmile Creek; 200 ft W. of residence of William Edward; on N. side of hwy.; in sandstone rock; standard tablet stamped "926" (Reported not found, 1953)	925.992
Ned, 9.2 mi SE. of; 2.5 mi up Sixteenmile Creek; 100 ft N. of residence of Wilson Campbell; at forks of trail E. leading to Lost Creek; on N. side of rd.; 125 ft W. of stream crossing and bend in rd. to S.; in face of rock ledge; standard tablet stamped "1082" (Reported not found, 1953)	1081.934
Hazard, 6.1 mi NW. of; 4.1 mi above mouth of First Creek, at forks of First Creek at N. foot of Hominy Mill Hill; in front of residence of James Walker; SE. corner of rd. forks and stream forks; 18 ft above level of creek; in face of sandstone ledge standard tablet stamped "1026" (Destroyed, stem remaining in ledge, 1954)	1026.222
Noble (mouth of Buckhorn Creek), 2.7 mi NW. of; at bend in Troublesome Creek and rd. SW.; 0.2 mi below mouth of Fugate Fork; 175 ft W. of residence of Tolbert Campbell; on N. bank of Troublesome Creek; on S. side of rd.; between two small streams from N.; in top of large rock; standard tablet stamped "786" (Reported destroyed, 1953)	786.444
Noble, 105 ft E. of Allen and Hay's store and post office; in front of blacksmith shop and opposite barn; on Troublesome Creek at mouth of Buckhorn creek; at small hollow from N.; on N. side of rd.; in face of rock cliff; standard tablet stamped "792" (Tablet missing, shank still in place, 1953)	792.337
Noble, 3.8 mi NE. of; 100 ft N. of Buckhorn Creek; 150 ft W. of Lewis Fork; on N. side of public rds.; in rock cliff set horizontally; standard tablet stamped "832" (Tablet missing, shank still in place, 1953)	832.332
Noble, 6.9 mi NE. of; at county line between Breathitt and Knott Counties; 200 ft E. of mouth of Coles Fork; at point of hill on E. side of rd. and Buckhorn Creek; in rock ledge; standard tablet stamped "866" (NGS tied shank, 1952, tablet broken off)	866.265
Noble, 10.7 mi SE. of; 0.07 mi above mouth of Hurricane Branch; on W. bank of Buckhorn Creek; on S. side of rd.; at ford; in face of N. side of large rock; standard tablet stamped "944" (Tablet missing, shank still in place, 1953)	943.770
Vest, 3.0 mi W. of, along Balls Fork of Troublesome Creek; at rd. forks; 200 ft N. of mouth of small creek; 75 ft N. of residence of B. Dobson; opposite barn; at fenceline on W. side of rd. leading to Buckhorn Creek; in road face of large rock; standard tablet stamped "1021" (Reported destroyed, 1953)	1021.015

ISOLATED BENCH MARKS (Cont'd.)

Feet

Vest, 550 ft N. of rd. forks; at ford in front of store; 700 ft N. of mouth of Trace Branch; on E. bank of Balls Fork; on W. side of rd.; in top of large rock; standard tablet stamped "1044" (Reported destroyed, 1953)	1044.286
Hindman, 2.0 mi W. of, along Troublesome Creek; 0.05 mi S. of mouth of Ogden Branch; on E. side of rd.; in face of sandstone cliff; standard tablet stamped "1015" (Reported destroyed, 1953)	1015.609
Hindman, 4.9 mi SW. of, along Troublesome Creek; on E. side; 160 ft S. of mouth of Mill Creek from S.; 40 ft S. of front of house of Peter Hay; in rock cliff; standard tablet stamped "981" (Reported not found, 1953)	981.589
Hindman, 7.9 mi SW. of; at Stone Gap; on top of divide between heads of Mill, Clear, and Lotts Creeks; at point where rd. to Lotts Creek leaves divide; on E. side of rd.; in N. face of large stone standard tablet stamped "1750" (Reported destroyed, 1953)	1750.646
Elic, 500 ft N. of former post office; 550 ft NE. of mouth of Kelley Fork; on S. side of Lotts Creek; 80 ft W. of bend in creek to N., at water's edge; in top of large rock; standard tablet stamped "1063.597" (Tied by NGS, 1952)	1063.597
Cordia, 1.9 mi NW. of; in front of residence owned by Martin and Benjamin Gerhart; on S. side of Lotts Creek; at mouth of Clear Fork; in top of large rock; standard tablet stamped "960"	960.541
Grigsby, 0.8 mi W. of; on N. side of Lotts Creek; 0.05 mi W. of bend to W.; 360 ft W. of house; in road side of large rock; standard tablet stamped "884" (Reported not found, 1953)	884.676
Hazard, 3.2 mi N. of; 160 ft N. of rd. forks; 250 ft N. of steel bridge over mouth of Lotts Creek; on E. side of rd. to NW.; in rock ledge; standard tablet stamped "848" (Reported not found, 1953)	847.716
Hazard; 12 ft from NE. corner of First National Bank Building; 5 ft N. of entrance; in water table 0.7 ft above sidewalk; standard tablet stamped "873" (Reported not found, 1953)	873.180

HORIZONTAL CONTROL  
NORTH AMERICAN DATUM OF 1927

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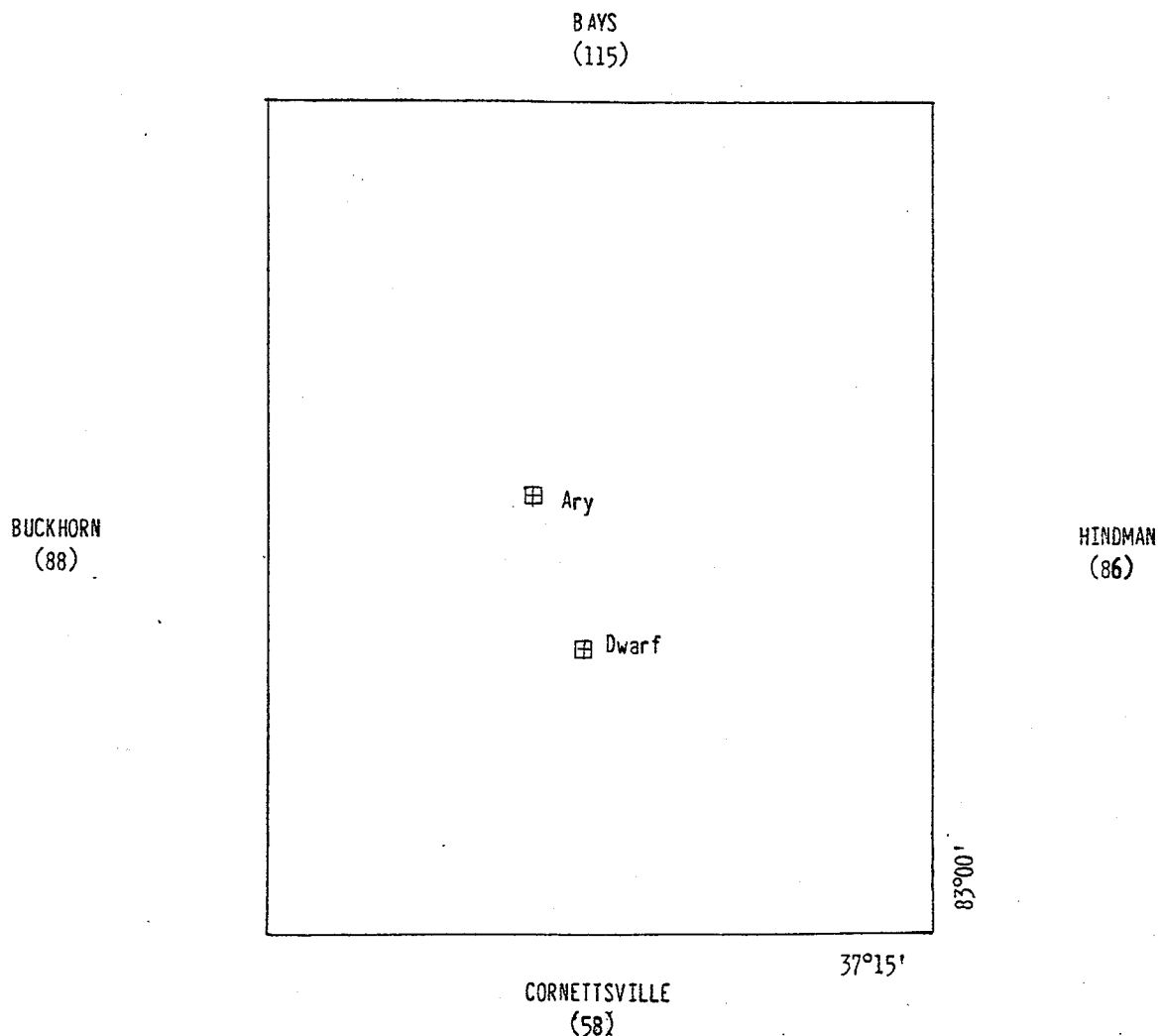
Breathitt, Knott, and  
Perry Counties

Edition of 10/22/76

PR: CRV/rmm

Plane coordinates are based on Lambert  
projection, Kentucky, South Zone

Only the permanent marks are  
listed for control classified  
obsolete and are not shown on  
sketch



# DISCLAIMER

We no longer attest to the validity of the positions listed for horizontal control established by transit traverse procedures. This control is now considered OBSOLETE and is included in this list for the purpose of identification only.

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BLUE DIAMOND QUADRANGLE

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INDEX OF PERMANENT MARKS

MARK (USGS)

PAGE NO.

TT 48 DWP 1949

3

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BLUE DIAMOND QUADRANGLE

37-083-21  
3

STATION      DESCRIPTION  
PLANE COORDINATES, FEET

LATITUDE  
° ' "

LONGITUDE  
° ' "

The following position is considered OBSOLETE. To be used only to locate permanent marks in the field.

MARK TIED BY NGS

By D. W. Pinkston, 1949; Book AH 148

Noble, 4.2 mi E. of, along Buckhorn Creek Road to junction of Clements Fork, thence 0.6 mi NE. of junction along rd., thence 1.0 mi N. along rd. uphill to Robinson Lookout Tower; on high ridge between Lewis Fork and Clements Fork of Buckhorn Creek; 32 ft E. of centerline of rd.; 27 ft NW. of NW. leg of lookout tower; 12 ft N. and 28 ft W. of NE. leg of tower; in concrete post; standard tablet stamped "TT 48 DWP 1949"

X = 2,752,239.03    Y = 423,063.62

37 28 01.168

83 09 28.054



KY 89 QUADRANGLE

..... FILED

3/89

# NOTICE

FOR HORIZONTAL CONTROL  
COMPUTER PRINT-OUT

SEE BOOK CS 619

KYL PROJECT HAP

COPY SUITABLE FOR XEROX

IS FILED IN KY 89 QUAD.

NOTE: This is to be stapled to the inside front  
cover of the horizontal control folder.